UCSF newsbreak

NEWS FOR THE UCSF CAMPUS COMMUNITY VOL. 14, NO. 2 JANUARY 22, 1999

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CHRIS T. ANDERSON

Congresswoman Nancy Pelosi (D-San Francisco) visits with David Mohr, director of psychology, while touring the UCSF/Mount Zion Multiple Sclerosis Center.

## Dueling with depression

**David Mohr, international leader in neuropsychology, received a $332,087 grant from the National Multiple Sclerosis Society to continue his work fighting depression at the UCSF/Mount Zion Multiple Sclerosis Center.**

**Congresswoman Nancy Pelosi, named the society's 1998 Representative of the Year, presented the grant to Mohr and toured the center on Jan. 12.**

**Every day more than 350,000 Americans must cope with the devastating symptoms of multiple sclerosis (MS), a chronic, often disabling disease of the central nervous system. For many years, doctors discounted the cognitive and emotional problems associated with the disease. Yet patients continued to experience mood swings, memory loss and depression. Research now indicates that between 40 and 60 percent of those facing this unpredictable neurological disease must not only accept its effects on their bodies, but also on their minds.**

**"In a disease with no cure and few treatment options," says Mohr, "the ability to cope is often the most important factor in maintaining a person's quality of life."**

**In his research, Mohr examines the efficacy of group therapy, individual therapy, and antidepressants. "The goal of the study is to find patient characteristics that indicate which type of treatment will be most effective. This will allow us to quickly and effectively treat an individual's depression, by improving our ability to select the most effective treatment at the outset."**

**As co-chair of the Congressional Biomedical Research Caucus, Pelosi is credited for being a key player in ensuring that the National Institutes of Health received a 15 percent increase in funding, which will recur every year for the next five years.**

## Atkinson gives status report on UC

BY LISA CISNEROS

In his first visit to UCSF this new year, UC President Richard Atkinson outlined progress made on achieving the goals and objectives he set when he took the University's helm three years ago.

Speaking at a Jan. 8 luncheon hosted by the UCSF Academic Business Officers Group (ABOG), Atkinson was generally upbeat about achieving those goals, which range from maintaining the high quality of the faculty to strengthening UC's ties with the public, elected officials and alumni. For a complete synopsis of the nine goals and initiatives, visit the UC Office of the President's website at www.ucop.edu/ and read his speech titled "A Three-Year Report to Alumni."

Among the highlights, Atkinson says UC will:

- unveil the next generation of the Internet next month as part of a national effort;
- break ground this year on a new building in Washington, DC to house undergraduate and graduate students and the Office of Federal Relations;
- open a tenth campus in Merced by 2005; and
- launch training programs this summer for teachers to improve the quality of public education in kindergarten through high school.

In related initiatives to prepare more students for admission to UC, Atkinson said he's "very proud" of the University's work toward the goal to ensure diversity of students in the post-affirmative action era. Based on the recommendations of the Outreach Task Force, the University will spend about $137 million on outreach activities in 1998-99 — more than double the $65 million spent in 1997-98 — to offer students tutoring and mentoring programs, and is expanding partnerships with K-12 schools, especially those that have historically sent few students to the University. UC also will offer students courses required for admission to UC on the Web, as well as advanced placement courses. High school students can access these online courses from home computers, community libraries, and schools.

This year, UC also is launching the first two of a proposed statewide network of educational resource centers to help disadvantaged communities strengthen K-12 education and improve the community through public health, safe schools and economic vitality, factors that play a part in the schools' ability to teach and children's ability to learn. UC has no plans for a San Francisco center at the moment.

Asked about what he thinks of Governor Gray Davis' proposal to make students ranked in the top 4 percent of their high school eligible for admission to the University, Atkinson said, "I think it's a good thing. However, it doesn't mean that anybody who is in the top 4 percent of their high school will be admitted to UC."

Indeed, the top 4 percent must still qualify for admission to the University.

Atkinson said the proposal, which the UC Regents will consider at a meeting in February, will only slightly increase UC's diversity. On the other hand, he said, it sends a

(SEE ATKINSON ON PAGE 7)

## B of A donates $5 million for Mission Bay

BY PAULA MURPHY

The Bank of America Foundation announced last week that it will donate $5 million to UCSF to develop the Mission Bay campus, a gift to be paid over a five-year period.

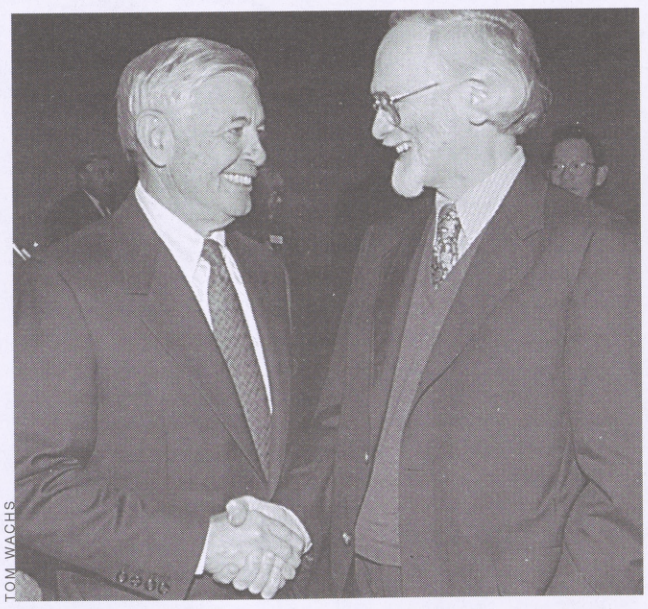
Excluding the 30 acres of land donated to UCSF by the Catellus Corporation, this gift represents the largest corporate contribution to the future campus.

"Research at UCSF Mission Bay will focus on fundamental discoveries essential for the conquest of disease — research that will reveal the underpinnings of cancer, cardiovascular disease, diabetes, AIDS, birth defects and other disorders," said Chancellor Mike Bishop at last Tuesday's press conference announcing the donation. "We are sincerely grateful for Bank of America's generous gift, which promises to bring enormous benefits not just to UCSF but to all those who will gain from the discoveries that emerge from this research effort."

The gift equals the largest donation ever made by Bank of America. Over the past 12 years, Bank of America has given UCSF $1 million, according to Barbara Desoer, president of Bank of America's Northern California Banking.

"The Mission Bay development provides huge opportunities to produce new jobs and stimulate economic development in San Francisco," Desoer said. "As two of the city's largest employers, both UCSF and Bank of America are committed to helping make Mission Bay a success."

Community organizations in California have voiced their concerns that the bank's merger with NationsBank in late September will dilute Bank of America's commitment to diversity and to the state, especially in light of the fact that the new merged bank's headquarters is in North Carolina.



TOM WACHS

UCSF Chancellor Mike Bishop, right, chats with Hugh McColl, chairman and CEO of Bank of America.

Bank of America will maintain a strong presence in the communities in which it operates, Desoer said. "We are here with as many dollars [as in the past], if not more," she said.

Although the announcement of the gift coincides with this week's high-profile "good will" visit to San Francisco by new Bank of America Chairman and CEO Hugh McColl, a donation was being discussed well before Bank of America merged, Desoer said.

"A contribution of this magnitude should send a signal to other corporations that something exciting is happening here," Bishop said. "We intend to make the campus an exhilarating place to work and to visit."

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**UCSF NEWSBREAK**

(ISSN0891-6063) Volume 14, Number 2, Jan. 23–Feb. 5, 1999. Published by the University of California, 3333 California St., Suite 103, San Francisco, CA, 94143-0462, 25 issues per year — semimonthly January through March, May through September; biweekly three issues April and October; and monthly December. Periodical postage paid at San Francisco, CA. POSTMASTER: Send address changes to UCSF Newsbreak, Mail Services, 1855 Folsom St., Suite 156, SF 94143-0888.

**DEADLINE** for the next issue, to cover Feb. 6–19, 1999, will be on **FRIDAY, JAN. 29.** Please fax news to Newsbreak at 476-3541 or mail to Box 0462 or email to cisnero@itsa.ucsf.edu. Send calendar items to Nancy Heller at nheller@itsa.ucsf. edu or Box 0462. Fax last-minute copy to 476-3541. For address and distribution changes, call C.J. Burleson at 476-6791.

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PRINTED WITH SOYBEAN INKS

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LISA CISNEROS

Joshua Lehrer-Graiwer receives the outstanding research prize from Dean Haile Debas on Jan. 13.

# Second-year med student wins dean's research prize

**Second-year medical student Joshua Lehrer-Graiwer is the winner of this year's Dean's Prize in Research.**

**Lehrer-Graiwer was selected for the School of Medicine award for his outstanding and innovative research with nitric oxide, (NO) a highly diffuseable, free-radical gas which is a major noxious component of smog.**

**Surprisingly, biologists have found myriad roles for NO in biology and medicine: NO plays important roles in the nervous system in modulating learning, memory, and pain response and in the vascular system by serving as a potent vasodilator. NO's toxic potential is exploited in biology, and immune cells produce NO to kill target cells, such as tumor cells.**

**"But inappropriate NO production seems to cause cell death in a number of neurological diseases, including stroke, Huntington's disease and Parkinson's disease," Lehrer-Graiwer explains.**

**"Paradoxically, the very cells which produce NO have been shown to be resistant to its toxic effects," he says. "My research attempted to find out why. I searched for genes which are expressed by cells in response to NO exposure, reasoning that some of these genes may confer resistance. I found that NO increases levels of an energy-producing mitochondrial enzyme called cytochrome oxidase (COX). Other research shows that NO may in fact kill cells by inhibiting COX and thus the over-production of COX may be an important cellular defense mechanism to NO insults. NO suppression of COX activity may prove to be an important mechanism of injury in a variety of neurodegenerative conditions such as Parkinson's, Huntington's and Alzheimer's diseases."**

**Lehrer-Graiwer received his bachelor's degree in biochemical sciences, graduating summa cum laude from Harvard College in 1995. He subsequently completed a Master's of Philosophy in biology at Cambridge University in England. This past summer, he received funding from the American Heart Association to work in the laboratory of David Bredt in the department of physiology.**

# Project Open Hand honors Cooke

Molly Cooke, UCSF professor of clinical medicine, has been awarded the 1998 Outstanding Individual Supporter award by Project Open Hand, a nonprofit organization that provides comprehensive nutrition services to people in the Bay Area living with HIV and AIDS.

Cooke, whose research and clinical interests include HIV/AIDS ethics, medical education and women in medicine, joined Project Open Hand's Board of Directors in 1991 and served through 1996. She was vice chair for two years and chair in 1995 and 1996.

Although she no longer sits on the board, Cooke still advises the organization on medical and epidemiologic aspects of HIV and occasionally delivers meals.

During her tenure, Cooke was instrumental in making major decisions affecting the organization, such as moving operations to the Tenderloin where the city's epidemic had shifted, and consolidating Open Hand's operations into one facility.

Cooke

The award recognizes the person who has been most helpful to the organization in the past year. Also, last year, Cooke received Project Open Hand's volunteer award, the Victor Jones Memorial Award for Outstanding Community Service.

Cooke has also won awards for her teaching at UCSF, such as the 1998 Kaiser Award for Excellence in Teaching in the clinical faculty category.

"Molly's contributions to Project Open Hand are legion," says Tom Nolan, executive director of Project Open Hand. "She helps us understand where the epidemic is going so we can tailor our services to the needs of our clients."

## In Memoriam

A memorial service for Jack D. Lange, clinical professor emeritus of the School of Medicine, will be held on Saturday, Jan. 30 at 2 p.m. in Cole Hall. Immediately following the service there will be a reception in the Lange Reading Room, 5th Floor, UCSF Library.

Lange, a successful publisher of medical textbooks who joined the UCSF faculty as a clinical assistant in 1946, died Jan. 4. He was 92. A faculty member for more than 40 years, Lange not only left a legacy in his widely used publications, but also through his generous support of UCSF. He donated books and money to the Library, one room of which bears his name and established an endowed chair in the department of physiology.

Lange was a distinguished physician-educator who achieved international prominence as the founder and owner of Lange Medical Publications, a firm that publishes concise and up-to-date textbooks that embrace virtually every branch of medicine.

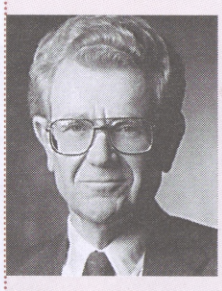
In the 1980s, he established the Jack D. and DeLoris Lange Chair in Physiology in the School of Medicine. William F. Ganong, professor of physiology, was the first to hold the Lange chair, until he retired in the early 1990s, and Zach Hall, now Vice Chancellor for Research, held the Lange chair until 1994.

"He was a remarkable man," said Ganong. "He produced what many people call the best medical books in the world and did it by breaking most of the rules of publishing, getting them out rapidly and accurately."

Lange is survived by his daughters, Judith LeMay of Los Altos and Diane Lange of Los Altos Hills; four grandchildren; and four great-grandchildren.

Donations may be made to the Jack D. and DeLoris Lange Foundation for International Eye Research Inc., 309 Judah St. No. 220, San Francisco, 94122.

# honors & awards



Mahley

**Nora Goldschlager,** professor of clinical medicine and acting chief of cardiology at San Francisco General Hospital Medical Center: Received the Maimonides Award from the American Committee for Shaare Zedek Medical Center in Jerusalem. The committee supports the 100-year-old hospital through fund-raising for expansion, upgrading, and capital improvements. Goldschlager was honored for "outstanding contributions to the field of cardiac medicine as an innovator, exceptional teacher, mentor and role model." The award noted that she has built an impressive reputation as a leading physician in the areas of cardiac pacing and arrhythmia.

At SFGHMC, Goldschlager also serves as director of the Pacemaker Clinic, the Coronary Care Unit, and the Electrocardiography Laboratory. She joined the UCSF faculty in 1978.

**Robert Mahley,** professor of pathology and medicine, founder and director of the Gladstone Institute of Cardiovascular Disease, and president of the J. David Gladstone Institutes: Selected to present two honorary lectureships.

At Columbia University, where he is 1998-99 Samuel Rudin Distinguished Visiting Professor in the Health Sciences, Mahley presented the visiting professor distinguished lecture on "Apolipoprotein E: From Atherosclerosis to Alzheimer's Disease."

At Vanderbilt University Medical Center, he presented the honorary Ernest William Goodpasture Lecture on "Apolipoprotein E: Major Susceptibility Gene in Alzheimer's Disease" and "Apolipoprotein E: An Expanding Role in Cholesterol Metabolism and Atherosclerosis."

An internationally known expert on heart disease and cholesterol metabolism, Mahley has focused his work over the past 20 years on the characterization of apo-E and determination of its structure and function. His seminal studies have identified critical changes in plasma lipoproteins associated with the development of accelerated atherosclerosis induced by dietary fat and cholesterol and have described the molecular interactions between apo-E, apo-B, and the low density lipoprotein receptor.

## Despite progress, medical students still risk accidental needlesticks, study finds

**BY BILL GORDON**

DAVID POWERS

Emilie Osborn

While health workers' risk of exposure to infectious disease through accidental needlesticks has been greatly reduced through comprehensive training programs and the introduction of new safety devices, a new study by researchers at UCSF finds that medical students remain at high risk of exposure.

In the first comprehensive, long-term study of medical students' risk of needlesticks and other exposures to blood, the UCSF team found that 11.7 percent of the students studied over a seven-year period sustained possible exposure to blood-borne diseases such as HIV and hepatitis. None of the students in the study reported contracting a disease as a result of an accidental exposure.

The study, reported in an article appearing in the Jan. 5 edition of the Annals of Internal Medicine, included 1,022 third- and fourth-year medical students from the classes of 1990-1996 who trained at UCSF-affiliated hospitals.

Emilie H. Osborn, the lead author of the study, notes that students in these classes benefited from UCSF's leadership in training and occupational safety programs designed to prevent needlestick injuries. But, the study reveals that they continue to face a higher risk than expected, says Osborn, a physician with the Palo Alto Medical Foundation and former associate dean of student affairs at UCSF.

The results of the study demonstrate the need for greater supervision of medical students, Osborn says.

"We have to protect medical students from their own eagerness to learn new things and from pressure from others not to ask for assistance," Osborn says. "Students have to be encouraged to say to their supervisors, 'I can't do that. I want to watch you do it.'"

In an editorial accompanying the study, Daniel D. Federman of the Harvard Medical School, notes that there is inherent risk in the practice of medicine and, in turn, in the study of medicine. Medical education demands that students participate actively and importantly in the care of patients and, as a result, incur some of the risks of experienced physicians, Federman writes.

The editorial praises UCSF's leadership in developing programs to prevent needlestick exposures. Federman cites as "outstanding" a week-long course in needle safety required of all UCSF students and praises UCSF's creation of a confidential hotline for reporting needlestick exposures and obtaining preventive treatment. Despite these efforts, the rate of possible exposure remained at more than 10 percent over the length of the study, a signal that medical students in schools across the country run the same or greater risk of exposure.

The rate of exposures reported in specific years of the study dropped to 6.5 percent of the students in 1996 from a high of 18 percent of the students in 1993.

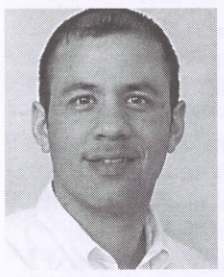
Most (82 percent) of the needlestick exposures in the study occurred while students worked in one of four services -- obstetrics-gynecology, surgery, medicine, and emergency medicine. The study found no other relationship linked to an increased likelihood of possible exposure. The probability of exposure was not related to the year of graduation, clerkship location, medical school class, prior clerkship experience, or the training site, the authors note.

Data from the study will be used to evaluate steps already taken at UCSF to reduce possible exposures and to guide educators in the next steps to further reduce the rate, says Maxine A. Papadakis, UCSF professor of clinical medicine, associate dean for student affairs in the UCSF School of Medicine, and a co-author of the study.

"UCSF has taken a leadership role in identifying the prevalence of possible exposures and will continue to work with faculty members in the departments with the greatest risk to develop better methods of training and prevention," Papadakis says.

## Mandatory reporting of domestic violence may deter intervention

**BY LISA CISNEROS**



Rodriguez

A new study to assess patient attitudes of mandatory reporting of suspected cases of domestic violence has found that the California law may deter some victims from coming forward for treatment and other services.

The study, which describes results from focus groups conducted with 51 abused women from four ethnic groups, has found that the very law designed to help improve detection and intervention of domestic violence, may have a number of unintended consequences.

"Our results indicate that mandatory reporting may pose a threat to the safety and well-being of abused women and may create barriers to their seeking help and communicating with health care professionals about domestic violence," wrote lead study author, Michael Rodriguez, a UCSF assistant professor in the department of family and community medicine at San Francisco General Hospital Medical Center. "What this study shows is that good intentions may not have been thought out well enough to consider all the advantages and disadvantages of the law."

While the potential benefits of the law include improved crime detection and enhanced victim safety through better police protection, the potential disadvantages, as expressed by women in the study, include retaliation by abusers, decreased use of health care services and a strained relationship with their physician when confidentiality is compromised.

These findings, reported in the December issue of the Western Journal of Medicine, are only an initial exploration of the impact of the mandatory reporting practices, Rodriguez points out. A counterpart study to express the opinions of 500 physicians statewide on mandatory reporting will be forthcoming.

"Clearly, more research on the impact of mandatory reporting legislation on victims of domestic violence should be conducted before mandatory reporting legislation is enacted elsewhere," Rodriguez concludes.

It's estimated that between 2 to 6 million women each year are abused by their intimate partners. But while these victims make up an alarmingly high proportion of women seeking care for trauma and medical and psychological problems in health care settings, only a small proportion of abused women are identified as such by health care professionals, according to Rodriguez.

As the medical community works to improve detection and intervention by health care professionals, who are in the unique position to identify and assist victims of abuse, lawmakers have responded with a range of legislation. As of January 1994, California health care practitioners are required to report to police all patients who they suspect are victims of domestic violence within two days. They must report the name of the victim, the victim's whereabouts, the extent of the victim's injuries and the identity of the alleged perpetrator, among other things.

"Abused patients and their physicians face significant dilemmas under the current mandatory reporting law," Rodriguez says. "Abused patients may not be sure whether their families are better served by involving the police, which might lead to protection from the abuser or could result in further violence or an unwanted separation of family members."

> "Abused patients and their physicians face significant dilemmas under the current mandatory reporting law."

Rodriguez says that while the majority of abused women in the study say they appreciate the role of police involvement in dealing with domestic abuse — especially during violent episodes — they believe the safety net in place to protect them and their families over the long run has "too many holes." Some women said they lied to their health care professionals about the source of their injuries or withheld information about the abuse to avoid police involvement.

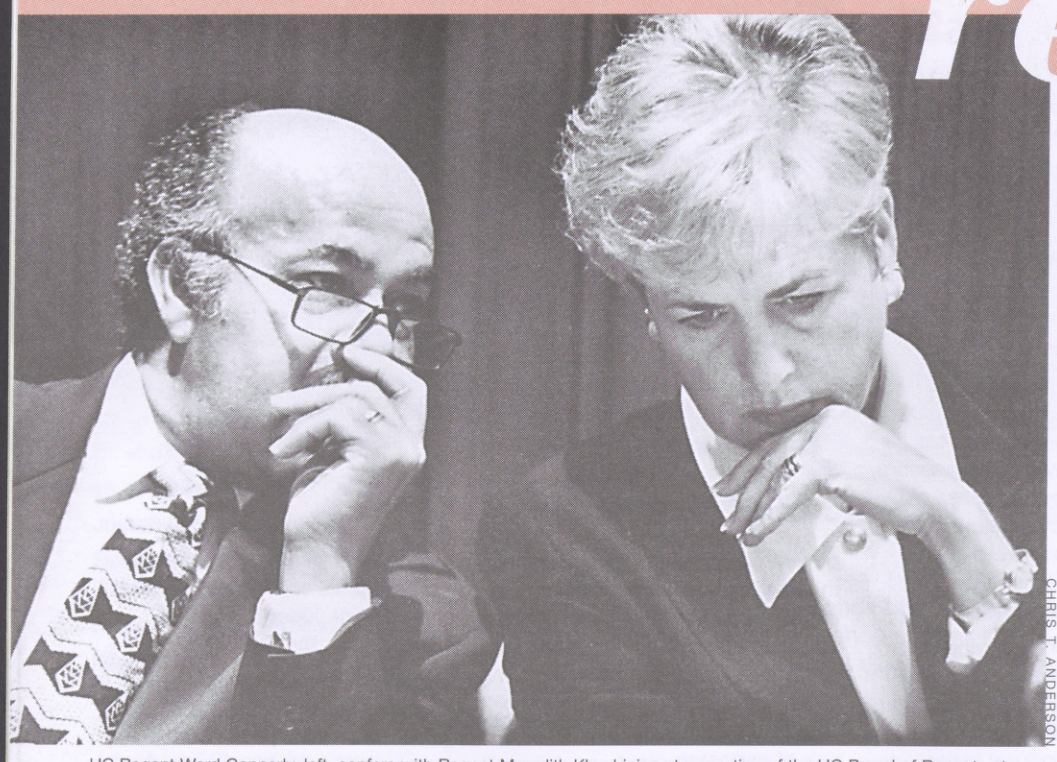
Avoiding the issue altogether then may preclude women from receiving much-needed assistance to treat their injuries, document the abuse, get emotional support and referrals to domestic violence services, Rodriguez says.

Researchers have previously identified several barriers that affect the ability of both physicians and patients to address domestic violence. A physician inquiry is often limited by time constraints, lack of training of protocols for dealing with domestic violence, discomfort with the topic of abuse, fear of offending patients and feelings of powerlessness.

Abused women are often reluctant to discuss abuse with their physicians based on fear of retaliation by the abuser, shame, embarrassment, low self-esteem and family loyalty.

This new study focuses on abused women's concerns about the consequences of physician reporting to police. "In particular, many of the abused women in our study felt that physician reporting to police potentially jeopardizes the safety of patients, deters abused women from seeking medical services and compromises medical professional standards of confidentiality and patient autonomy."

# rethinking



CHRIS T. ANDERSON

UC Regent Ward Connerly, left, confers with Regent Meredith Khachigian at a meeting of the UC Board of Regents at Laurel Heights.

## UC system invests in ambitious outreach plans

**BY LISA CISNEROS**

In the post-affirmative action era, the University of California is attempting to hold true to its long-standing goal to enroll a diverse student body and, in the process, enhance educational opportunities for all disadvantaged students statewide, UC officials say.

LISA CISNEROS

Howard Pinderhughes

With increased support from the Legislature and the governor and matching funds from public schools, the University is spending an unprecedented $137 million on outreach activities this year — more than double the amount spent on such efforts last year.

Karl Pister, senior associate to UC President Richard C. Atkinson and former chancellor at UC Santa Cruz, presented a systemwide overview of myriad outreach activities to the UC Board of Regents at its meeting last Thursday. Outreach programs run the gamut from tutoring students to forming partnerships with high schools that have historically sent few students to UC.

"For my part, I'm delighted with the progress we're making," said Regent Ward Connerly.

In what was the first annual report on student-centered and school-based outreach programs, Pister said the University's "efforts will have a broader impact beyond UC."

Among achievements so far, UC has:

- secured 53 partnerships with low-performing high schools where more than 100,000 students are enrolled;
- agreed to transfer 33 percent of community college students to UC by 2005;
- expanded existing outreach programs which provide tutoring, counseling and enrichment to K-12 students;
- developed an outreach website (www.ucop.edu/outreach) to spread the word about its various programs and policies; and
- formed groups to evaluate the effectiveness of the outreach effort and to determine how faculty research may help.

The University envisions that the new efforts, when combined with existing outreach programs, will increase the numbers of underrepresented and disadvantaged students eligible for and admitted to UC.

But, Pister said, UC's aggressive efforts will not be a panacea to the problems of California's schools. Although the quality of education varies across the state, generally, public schools suffer from low per-pupil investment, few counselors, librarians and computers and greater numbers of unqualified teachers.

"We can influence a great deal in kindergarten through high school, but there are many circumstances that we cannot control in outreach and we have to be sensitive to that," Pister told the Regents.

He cited Oakland's Castlemont High School as an example. At that East Bay school, there are not enough substitute teachers and students loiter around the campus when their teacher doesn't show up to class. "Whiffs of marijuana are common on the school yard," said Pister. "Clearly, there are factors over which we have no control," he said.

Indeed, given the sheer magnitude of the state's total of 860 high schools — which educate 1.5 million students — the challenge to improve eligibility of diverse and disadvantaged students is overwhelming.

"The problem is at the core root — the system of education in the entire state of California," says Howard Pinderhughes, assistant professor of social and behavioral sciences in the School of Nursing. "It will take a lot more than resources from UC in a few high schools to make a difference. We need to shift the statewide policy to transform education in K-12. That's really the only way to open up a pipeline to underrepresented groups."

### A new direction

In its early years, systemwide outreach efforts focused on geographic diversity by recruiting students from around the state to attend the flagship Berkeley campus. In the 1960s and '70s, the focus on achieving diversity shifted primarily to academic development among racial and ethnic minority groups with low rates of University eligibility.

In July 1995, the focus changed again when the UC Regents passed resolution SP-1, a policy that eliminated consideration of race, ethnicity and gender in admissions. A year later, voters approved Proposition 209, an initiative that did the same at the state's public institutions. The double mandate has meant that the University had to rethink and revitalize its outreach programs — now the primary means for achieving a demographically diverse student body.

To continue to achieve racial, ethnic and gender diversity within its student body, the Regents formed an Outreach Task Force to develop proposals for new directions. That task force recommended, among other things, increased funding for efforts aimed at boosting the eligibility rate of more students.

The new philosophy realizes that a significant obstacle to expanding minority enrollment in higher education is educational disadvantage. A school-by-school review of

# outreach and access

## Promoting diversity at UCSF

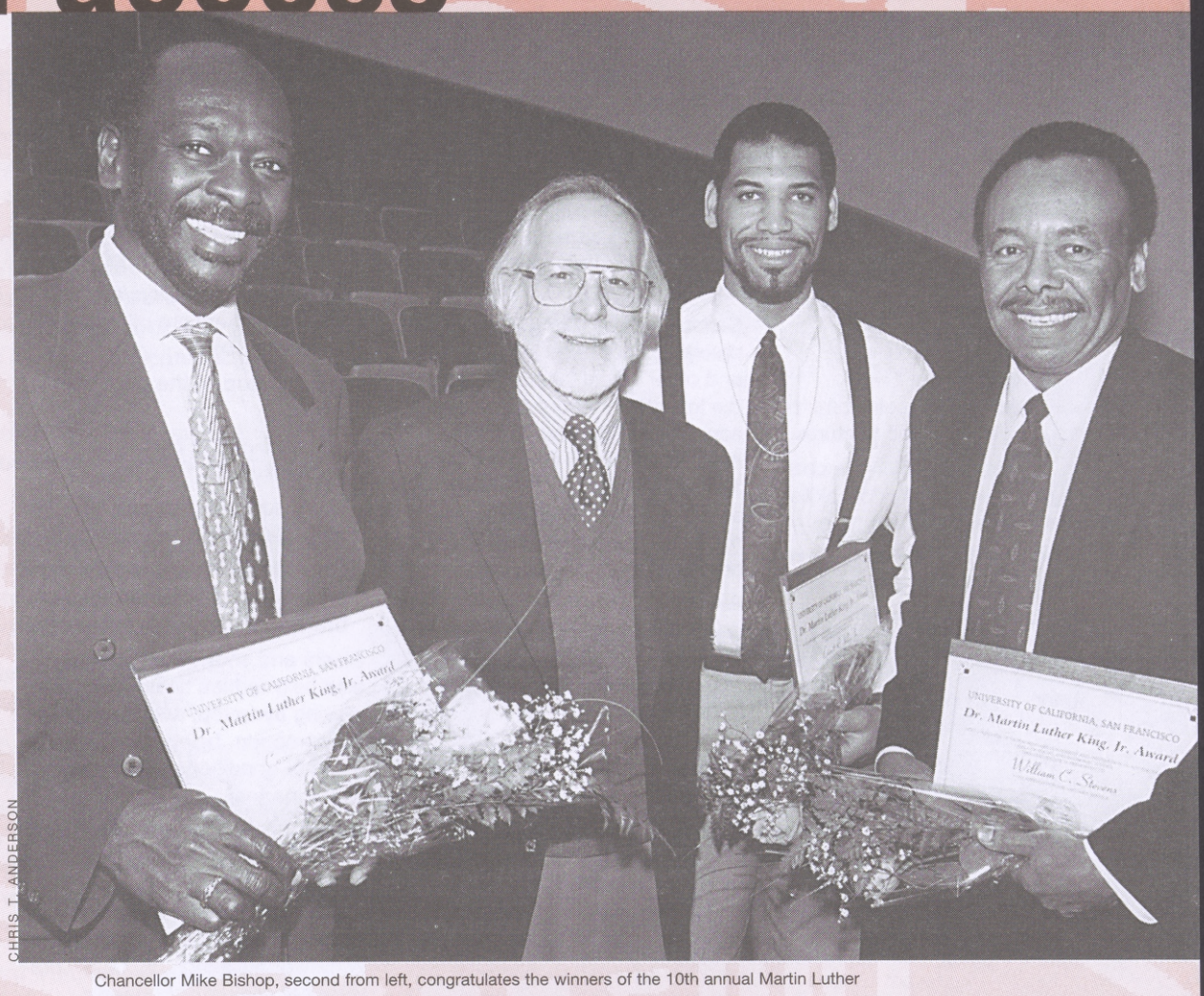
While outreach efforts at UCSF take many forms, each year the University recognizes individuals for their initiatives that promote diversity at UCSF during the celebration of Martin Luther King Jr. Week at UCSF.

On Tuesday, Chancellor Mike Bishop presented the 10th annual Martin Luther King Jr. awards to Cosmo Fraser, associate professor of medicine; Emmitt Jolly, a graduate student in biochemistry and biophysics; and Bill Stevens of Millberry Programs & Services.

For the past 10 years, Fraser's laboratory at the VA Medical Center has been a training ground for minority high school students seeking a career in science or medicine. He also serves on the Chancellor's Committee on Diversity and the Minority Recruitment and Retention Committee.

A leader in attracting young minorities to careers in science, Jolly has spoken at numerous schools encouraging students to aim high in academic pursuits and serves as a training assistant and mentor for the UCSF summer research program for minority undergraduate students.

A 23-year employee at UCSF, Stevens, who currently manages vendor contracting, advises UCSF staff and students on career and personal matters and helps promote opportunities for minority businesses at UCSF as a member of the Business Affirmative Action Committee.


UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Dr. Martin Luther King, Jr. Award
UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Dr. Martin Luther King, Jr. Award

CHRIS T. ANDERSON

Chancellor Mike Bishop, second from left, congratulates the winners of the 10th annual Martin Luther King Jr. awards. From left, they are Cosmo Fraser, associate professor of medicine; Emmitt Jolly, a graduate student in biochemistry and biophysics; and Bill Stevens of Millberry Programs & Services.

performance indicators shows a pattern of differing outcomes for racial and ethnic groups in California's school system, with groups least represented in higher education remaining most concentrated in the lowest-performing schools. In fact, almost 4 out of every 5 students in these schools are either African-American, American Indian, or Latino — groups with historically low rates of UC eligibility and enrollment, the task force discovered.

These findings suggested that the University must develop a comprehensive, well integrated outreach plan coordinated with schools to achieve diversity.

"My sense is that at both the Office of the President and campus levels there is a real commitment to maintain student diversity," says Pinderhughes.

Pinderhughes serves on the UC Research Initiative on Education and Equity (UCRIEE), a systemwide committee charged with determining the role faculty researchers can play to examine how and why student achievement is improved through outreach programs.

"We are trying to balance the need to maintain the number of underrepresented minority students who are eligible for UC with the broader, and in some sense, more important goal of affecting education for all," he says.

The UC Academic Senate has a plan to reinforce UC's fundamental goal of maintaining access for all qualified students. (See adjacent story.) One of its proposals, also advocated by Gov. Gray Davis, is to extend eligibility to the top 4 percent of high school graduates. Statewide the 4 percent policy would extend eligibility to some 3,500 more students, only a few of whom would be underrepresented minorities.

"At a school like Mission High School, such a policy would draw all students of color," said Pinderhughes, who visits San Francisco's Mission High School twice a week as part of his research with teens to determine the pathways that lead them to violence. Mission, which has one of the worst records on statewide tests and has among the highest percentage of immigrants, is one of 53 high schools to partner with UC.

"Most students would like to go to college, probably around 60 percent do go to city college or San Francisco State University," Pinderhughes said. "There is a small minority of kids who set their sights at UC and go. These kids are in the upper echelon and by and large they're overcoming some enormous issues and obstacles."

## Faculty proposes eligibility changes

The University of California Academic Senate, which is responsible for recommending criteria for admission and eligibility, has proposed a plan that recognizes student academic achievement in several different ways.

The overall proposal is meant to complement the University's outreach efforts through partnerships with high schools and direct student assistance.

The plan, reported by C. Judson King, UC provost and senior vice president for academic affairs, and Aimee Dorr, chair of the UC Academic Council and professor of education, in a Modesto Bee commentary, will be presented for additional faculty review before it is forwarded to the UC Board of Regents for consideration and approval.

The faculty developed the proposal to return the pool of California public high school graduates eligible for UC from the current 11.1 percent to the 12.5 percent specified by the Master Plan for Higher Education. Students must meet certain UC criteria in order to become eligible.

The plan proposes that UC make the following changes:

- Require all students to meet a new academic index, which includes SAT 11 test scores, which measure what a student knows about specific subjects;
- Reduce the extra credit awarded for honors and advanced placement courses from one grade point to one-half point;
- Align the 15 courses that both UC and the California State University require of high school graduates by adding one year of work in the visual and performing arts and reducing the college preparatory elective requirement from two years to one year;
- Make students ranked in the top 4 percent of their high school class eligible for UC.

Also proposed by Gov. Gray Davis, this last proposal extends a new path of eligibility for students in schools that traditionally send few graduates to the University. The plan is expected to make eligible about 3,500 more students and may generate a slight increase in the number of Latino, African-American and Native American students who are traditionally underrepresented at UC.

"Seeking to improve academic excellence and access by rethinking how [the University] measures achievement is an innovative and worthy proposal for the University of California to consider at the beginning of the new century," King and Dorr wrote.

# Tips for a safe winter on the slopes

BY LORDELYN DEL ROSARIO

Ski and snowboard enthusiasts can better protect life and limb by taking common-sense precautions, experts say.

"Injuries associated with skiing and snowboarding can be very serious," says Stephen Gunther, assistant clinical professor of orthopaedic surgery and orthopaedic surgeon at UCSF Sports Medicine, part of UCSF Stanford Health Care. "They include head injuries, spine and leg injuries as well as pelvic fractures."

Skiing and snowboarding are challenging and require physical skills that are only learned over time with practice, experts say.

For beginners, taking lessons is important to learn proper techniques, safety tips and correct use of equipment.

Most common injuries associated with snowboarding occur in the upper portion of the body — wrist fractures, shoulder dislocations, and strains and sprains while injuries associated with skiing occur in the lower portion of the body — primarily leg injuries.

Pre-season conditioning such as cycling, running, and strengthening leg muscles can prevent sprains and strains, Gunther says. "Basically, the more in shape you are, the less prone you are to injury," he says.

The most significant trend in ski injuries over the past 23 years, according to a study by the University of Vermont Department of Orthopedics, is in injuries to the anterior cruciate ligament of the knees, which crosses the knee at a diagonal angle underneath the kneecap.

Serious injuries (paraplegic, quadriplegic, major head injury, comas and other spinal injuries) occur at the low rate of about 29 per year, according to the National Ski Areas Association (NSAA). In the 1996-1997 season, there were 45 serious injuries; 37 of these were males and nine were snowboarders, the NSAA reports.

Fatalities are rare — only 36 deaths occurred out of the 52.5 million skier/snowboarder days reported for the 1996-97 season, the NSAA reports. Thirty-two of these fatalities were males, four of whom were snowboarders.

Many accidents, adds Gunther, are associated with jumping off cliffs, jumping in the air and landing on rocks, snowboarding or skiing through the woods, and colliding with other people.

Besides adhering to the seven safety tips of the responsibility code listed below, Gunther advises alpine adventurers to:

- Learn to fall; don't fall on wrists, learn to tuck and roll.
- Do not jump off cliffs or where there are rocks below.
- Look into traffic — where you are going.
- Avoid stopping in front of hazards.
- Avoid going sideways/across a hill where there are other people coming down.
- Do not stop in the middle of ski hills.
- Use a helmet. It can prevent head injuries.
- Make sure you use properly adjusted equipment.
- Check bindings every year with a professional who can recalibrate them.

Skiers and snowboarders can also help reduce health risks by staying hydrated, avoiding alcohol consumption, being aware of weather conditions and by skiing with a partner.

The UCSF Sports Medicine Center is a unique state-of-the-art facility designed to care for amateur as well as professional athletes with sports-related injuries. Directed by W. Dilworth Cannon Jr., UCSF professor of clinical orthopaedic surgery, the center includes a multi-disciplinary team of physicians, physical therapists, and fitness experts who work collaboratively to develop a treatment plan tailored to each individual patient's needs. The team emphasizes rehabilitation and injury prevention with the goal to help each person achieve the highest level of functioning possible. For more information about the UCSF Sports Medicine Center, call 476-8936.

## Slope safety

**Here are seven safety tips which are strongly recommended for everyone who enjoys alpine sports.**

1. **Always stay in control, and be able to stop or avoid other people or objects.**
2. **People ahead of you have the right of way. It is your responsibility to avoid them.**
3. **You must not stop where you obstruct a trail, or are not visible from above.**
4. **Whenever starting downhill or merging into a trail, look uphill and yield to others.**
5. **Always use devices to help prevent runaway equipment.**
6. **Observe all posted signs and warnings. Keep off closed trails and out of closed areas.**
7. **Prior to using any lift, you must have the knowledge and ability to load, ride and unload safely.**

Source: National Ski Patrol

## Fund Performance

ENDING DECEMBER 31, 1998

Total rates of return for the UC 403(b), DCP, and comparative indices

Ending December 31, 1998

| UC Fund/Index | 1 Month | 3 Month | 12 Month | 5 Year* | Year To Date |
|---|---|---|---|---|---|
| UC Savings Fund | 0.51% | 1.452% | 6.14% | 6.36% | 6.14% |
| US T-Bill (1-Yr) | 0.37 | 1.08 | 5.06 | 5.46 | 5.06 |
| UC Money Market Fund | 0.45 | 1.35 | 5.61 | 5.42 | 5.61 |
| US T-Bill (30-Day) | 0.38 | 1.01 | 4.86 | 4.96 | 4.86 |
| UC ICCF Fund | 0.61 | 1.80 | 7.36 | 7.72 | 7.36 |
| US Gov't Intermediate Bonds** | 0.37 | -0.20 | 10.21 | 6.20 | 10.21 |
| UC Bond Fund | 0.72 | 2.40 | 10.68 | 11.53 | 10.68 |
| Lehman Bros. Gov't/Corp/Yankee | 0.24 | 0.13 | 9.47 | 7.34 | 9.47 |
| UC Equity Fund | 4.04 | 20.08 | 19.01 | 19.33 | 19.01 |
| S&P 500 | 5.76 | 21.30 | 28.58 | 24.06 | 28.58 |
| UC Multi-Asset Fund | 1.82 | 7.85 | 11.55 | 11.63 | 11.55 |

*Annualized rate of return reflects average over the past five years.

** Gov't bond model. Ibbotson Associates.

| Unit values for variable funds as of December 31, 1998: | | |
|---|---|---|
| | Equity | $243.42 |
| | Bond | 114.55 |
| | Multi-Asset | 25.49 |

Unit values are similar to mutual fund share prices and change monthly to reflect changes in the market value of the fund's underlying investments, inclusive of interest and dividend income. Past performance is neither a guarantee nor a predictor of future returns.

Source: Jerry Neal, UCSF Benefits and Financial Planning

# Breathing easier in smoke-free bars

BY WALLACE RAVEN

Bartenders who worked for as little as one month in smoke-free conditions after California law banned smoking in their workplace reported a significant drop in coughing and other respiratory problems and showed improved lung function, according to a new study by UCSF researchers.

The study is the first to examine the short-term health effects of reducing second-hand smoke. It was designed to study the health impact of state law which prohibited smoking in most bars and taverns in California a year ago.

The rationale for the new law was to protect the health of California workers by reducing their exposure to second-hand smoke.

"We saw the chance to examine how the smoking ban would affect respiratory symptoms and lung function among an occupation usually exposed to many hours of second-hand smoke every week," says Mark D. Eisner, a pulmonary and critical care medicine postdoctoral fellow in UCSF's Cardiovascular Research Institute.

About three-fourths of the 53 bartenders in the UCSF study reported respiratory symptoms such as wheezing, coughing and phlegm production during the month before the smoke-free workplace law went into effect. One to two months later, 59 percent of those who had indicated respiratory symptoms were now symptom-free. In addition, more than three-fourths of the bartenders initially reported sensory irritation such as red, teary eyes, runny nose, and sore or scratchy throats during the month before the smoking ban. During the follow-up study, more than three-fourths of this group were symptom-free.

Finally, researchers measured the lung function of the bartenders before and after implementation of the smoke-free workplace law. By two different measures used, lung function improved after the ban.

"The bartenders experienced a significant improvement in lung function simply from avoiding second-hand smoke in the workplace," Eisner says. "That's a pretty big change over a short period of time."

Surprisingly, even among bartenders who smoked cigarettes themselves, reduced exposure to second-hand smoke led to improved respiratory symptoms and function.

"The study clearly shows that reducing second-hand smoke exposure quickly leads to improved symptoms and lung function," Eisner said. "This is one of the first studies to look at such a heavily exposed occupational group," he added, noting, "It may be hard to generalize the study to people with lower exposures."

campus notes

## AIDS research funds available

HIV/AIDS pilot study research funds are available from the UCSF AIDS Clinical Research Center (ACRC), a component of the UCSF AIDS Research Institute (ARI). These funds are provided by the Universitywide AIDS Research Program (UARP). The deadline for applications is Monday, March 1, 1999. Faculty applicants can submit studies in basic science, epidemiology, behavioral science, as well as clinical trials. Predoctoral students involved in AIDS research with faculty mentors are also eligible to apply. For further information and applications please contact Layne Ethington by phone, 476-8857 or by email, layne@itsa.ucsf.edu.

Furthermore, the ACRC seeks faculty members who would like to be included in its database of peer reviewers for the Pilot Study Program. Peer reviewers confidentially fill out a one-page form briefly addressing six categories about the merits of a proposed pilot research project (generally 10-15 pages in length) that is within their field of expertise. Each proposal is reviewed by several reviewers and is finally ranked for funding by the Dean's AIDS Advisory Committee. If you would like to participate, ACRC will send you a survey form that helps it identify your field(s) of expertise. To receive the survey form, please contact Ethington by phone, 476-8857 or by email, layne@itsa.ucsf.edu.

## Team makes medical mission to Vietnam

Vietnamese children from all provinces flocked to Ho Chi Minh's Hospital Number One recently hoping to receive life-altering reconstructive surgery from Americans on a medical mission.

Larry Baskin, chief of pediatric urology at UCSF's department of urology and pediatrics, ventured to Vietnam with Marty Bogetz, chief of the UCSF Surgery Center, Oanh Ha, an anesthesia resident from Vietnam, Cam-Tu Tran, a pediatrician who works at San Francisco General Hospital Medical Center, and Dennis Knapper, a registered nurse.

Together, the team performed more than 75 operations in five days, and in the process, earned the gratitude and respect of Vietnamese patients and practitioners alike.

This was Baskin's second trip to the Southeast Asian country, where he prides himself on caring for patients with complicated pediatric urology problems and training pediatric surgeons so they can continue to treat these kinds of conditions in the future.

Baskin was impressed with the Vietnamese pediatric surgeons, whom he described as "very bright and quick learners."

With the assistance of Baskin and others, Vietnamese physicians are beginning to treat more and more complex cases of urological abnormalities – such as hypospadias, a developmental anomaly in the male in which the urethra opens on the under side of the penis or on the perineum. Children born with this defect in the US are routinely reconstructed, but may go untreated in Vietnam for years.

This will change for future generations of Vietnamese born with these physical afflictions as the trained Vietnamese surgeons pass on their skills to others.

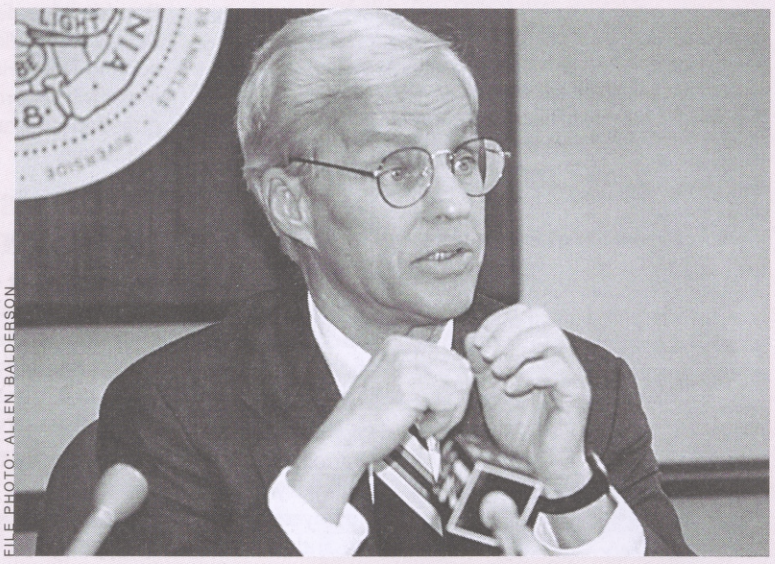
"We usually perform these surgeries on patients at a younger age, but we've changed our philosophy. Now we treat older patients with the idea that we'll be back to help the young ones," Baskin says of his volunteerism in Vietnam.

He plans to return to Vietnam again this year, as part of the medical outreach efforts sponsored by the Palo Alto non-profit organization, Interplast.

A Vietnamese boy recovers from surgery while his concerned mother looks on.



Larry Baskin, chief of pediatric urology, left, teaches a team of Vietnamese surgeons how to perform reconstructive surgery.



FILE PHOTO: ALLEN BALDERSON

(ATKINSON FROM PAGE 1)

message to teachers and students in areas underserved by the University that they have a new path for admission to UC.

And while he believes UC continues to offer a top-notch education, Atkinson voiced concern for problems the University faces such as the student/faculty teaching ratio, which has fallen from 14.7 to 1 in the mid-1960s to 18.7 to 1 today, a remnant of the fiscal crisis of the early 1990s. "It's just too high," said Atkinson.

Another result of state budget cutbacks during the fiscal crisis, Atkinson said, is that the University has not restored funding losses to support overworked administrative staff. "We are too short staffed," Atkinson said. In some cases, he said, it has "impaired our ability to manage effectively."

But as Atkinson concludes in his website address, "the gains far exceed the losses. Most important of all, we have sustained the University's academic quality. Thanks to the generosity of the people of California, the University and the tremendous talent it encompasses, we are ready for the next century. Of all the institutions in the United States, none will have a greater impact on our future success or failure as a society than the research university. The discovery and application of knowledge have come to play a key role in our ability to create a better life for our citizens in just about every dimension. I can't think of a more exciting place to be, or a more rewarding cause to serve."

## Budget proposal contains mixed news

The 1999-2000 state budget proposal unveiled recently by Gov. Gray Davis contains mixed news for the University of California, UC President Richard C. Atkinson told the Board of Regents Jan. 14.

The budget proposal indicates the governor's willingness to negotiate a new higher education "compact" — a multi-year agreement providing UC and the California State University with funding stability in exchange for a commitment to specific accountability measures. The governor's budget plan also funds enrollment growth of 4,600 students in 1999-2000, an increase of 3 percent; keeps systemwide resident student fees level; and funds new initiatives for professional development in the public schools.

However, the budget proposal reduces UC's 1999-2000 request for permanent state General Fund support by about $50 million and also discontinues one-time funding available in 1998-99 for core UC needs such as instructional technology, equipment, library materials and deferred maintenance.

Atkinson noted that the governor's budget was shaped in the context of slower economic growth in California and projections of a $1 billion state budget deficit under current state spending policies. As a result, the budget offers limited spending growth to all state programs.

"The University looks forward to working with the governor and his staff on both a new compact and a modified 1999-2000 budget plan," Atkinson said. "I am hopeful that negotiations on the compact, coupled with revised state revenue projections this spring, will produce a final budget that allows UC to fulfill its commitments to the state."

One special initiative in the budget plan would provide a $2.5 million augmentation to support alcohol and substance abuse research.

The $2.57 billion budget proposal for UC also continues $9.9 million provided in 1998-99 to support planning and development of UC Merced.

# calendar

## Jan. 23–Feb. 5, 1999

### 25 monday

**PREPARE FOR SURGERY:** Cathy Holt presents "Prepare for Surgery: Enhance Your Surgical Outcomes," 5-7 p.m., 2356 Sutter St., 1st Flr. Sponsored by the Ida and Joseph Friend Cancer Resource Center. Light snacks and refreshments will be served. RSVP by calling 885-3693.

**FOR YOUR EYES ONLY:** Stephen McLeod, assistant professor, clinical ophthalmology, presents "Better Vision Now," 6 p.m., 8 Kirkham St. Learn new surgery options for vision correction. Call 476-5021.

**QI GONG CLASS:** Millberry Programs & Services is offering Qi Gong classes every Monday evening, 8:15-9:30 p.m., through March. 29. Cost is $75. To enroll, call Theresa Brand at 476-0350.

### 26 tuesday

**ESTES TO BE HONORED:** Institute for Health & Aging honors Carroll L. Estes, founder and first director, 3-6 p.m., Faculty/Alumni House, 745 Parnassus. RSVP to Pat Henderson.

### 27 wednesday

**GI GRAND ROUNDS:** Marina Beringuer, GI research fellow, presents "Post-Transplant Hepatitis C," 9-10 a.m., S 214, Parnassus.

**DIGITAL TECHNOLOGY LECTURE:** See upcoming events for details.

**CAREGIVER SUPPORT GROUP:** Lois Goodwill presents "Caregiving and Our Parents," noon-1 p.m., Parnassus. This confidential group is limited to eight UC employees and is free. Call 502-8673 to register.

**BROWN BAG LECTURE:** Leonard Shlain, associate professor, laparoscopic surgery, UCSF, chief, laparoscopic surgery, CPMC, presents "The Alphabet Versus the Goddess," 12:15 p.m., HSW 300, Parnassus. Shlain will discuss the conflict between word and image. Sponsored by Public Service Programs. Call 476-4394.

**BLOOD DRIVE:** Donate blood, 1-5 p.m., Executive Park, Rm. 156. Tasty refreshments and great raffle prizes. Call 476-6989.

**PSYCHIATRY GRAND ROUNDS:** Alan Swann, Pat R. Rutherford professor and vice chair for research, department of psychiatry and behavioral sciences, University of Texas Houston Medical School, presents "A Model for Manic Depressive Illness and Its Treatment," 4-5 p.m., LPPI Auditorium, Parnassus. Sponsored by the School of Medicine.

**ENDOUROLOGY SEMINAR:** Marshal L. Stoller and Brian Brady present "Infectious Stones," 5-6 p.m., M 464, Parnassus. Sponsored by the department of urology.

**ELDER CARE:** The Institute for Health & Aging sponsors a drop-in educational class series that runs for eight weeks, 5:30-7 p.m., 1388 Sutter St., Rm. 1100. This series is for people who will be caring for an aging parent or relative, or who recently became a caregiver. To register, call the UCSF Elder Care Referral Service at 502-8673.

**RESEARCH CONFERENCE:** Tom F. Lue presents "What's New from the Knuppe Molecular Urology Lab," 6-7 p.m., M 464, Parnassus. Sponsored by the department of urology.

### 28 thursday

**ENRICHMENT SERIES:** Terry Smith, learning specialist, presents "Learning Skills: Six Mnemonics for Academic Use," noon, HSW 301, Parnassus. Learn proven techniques for committing detailed information to memory.

**MEDICAL GRAND ROUNDS:** Jeffrey M. Critchfield, fellow, division of rheumatology/immunology, department of medicine, presents "Immunology and Pregnancy," noon-1 p.m., N 225, Parnassus. Sponsored by the department of medicine.

**CHANCELLOR'S CONCERT:** Hermann le Roux, baritone and Timothy Bach, piano, perform a variety of works, 12:15-12:45 p.m., Cole Hall, Parnassus. Free.

**COLE HALL CINEMA:** "Pleasantville," Rated PG-13, 5:45 and 9 p.m., Cole Hall, Parnassus. Cost: $2.50 to $3.50.

### 29 friday

**BIOTECH CAREER DAY:** See upcoming events.

**POETS ON PARNASSUS:** The poets perform at 4:30 p.m., Toland Hall, Parnassus. For more information, call 476-6932.

**COLE HALL CINEMA:** See Jan. 28 listing. Showtimes are 6:30 and 9:45 p.m.

### 30 saturday

**MEMORIAL SERVICE:** A memorial service for Jack D. Lange. See page 2 for details.

## FEBRUARY

### 1 monday

**HEALTH POLICY SEMINAR:** Ida Sim, assistant professor, general internal medicine and graduate group in Medical Information Science, presents "Closing the Gap Between Proof and Prescription: The Role of Information Technologies," noon-1:30 p.m., 1388 Sutter St., Rm. 1100. For more information, call 476-4924.

**LAB MED GRAND ROUNDS:** The department of laboratory medicine host Grand Rounds, 4:30-6 p.m., N 225, Parnassus.

**QI GONG CLASS:** See Jan. 25 listing.

### 3 wednesday

**BLOOD DRIVE:** Donate blood, 9 a.m.-5 p.m., MU Conference Rm., Parnassus. There will be fantastic raffle prizes and refreshments! Call 476-6989.

**DEAN'S SEMINAR SERIES:** Shane White, UCLA, School of Dentistry, presents "All Ceramic Restorations: Failure and Fracture," noon-1 p.m., C 701, Parnassus.

**BROWN BAG LECTURE:** Bruce L. Miller, A.W. and Mary Margaret Clausen Distinguished Chair, professor, neurology and director, UCSF's Alzheimer's Disease Program, presents "Creativity and Brain Evolution," 12:15 p.m., HSW 300, Parnassus. Learn about degenerative diseases which specifically impair art and language and others where these functions are spared. Sponsored by Public Service Programs. Call 476-4394.

**PSYCHIATRY GRAND ROUNDS:** Jim Dimon, assistant clinical professor, department of psychiatry and former chair, extension division, San Francisco Psychoanalytic Institute, presents "Contemporary Changes in Psychoanalytic Theory and Practice," 4-5 p.m., LPPI Auditorium, Parnassus. Sponsored by the School of Medicine.

**WOMEN'S HEALTH:** Carolyn Givens presents "The Importance of Timely Infertility Work-Ups," 5:30-7:30 p.m., Mount Zion, Herbst Hall. Sponsored by the UCSF National Center of Excellence in Women's Health. For more information, call 885-7273.

### 4 thursday

**WINTER ENRICHMENT SERIES:** Derrick Quan, Unisource Financial Group SFS, presents "Finances: Taxes," noon, HSW 301, Parnassus. Reduce the stress involved in paying Uncle Sam by getting sound information from a tax professional. Co-sponsored by UCSF Student Financial Services.

**MEDICAL GRAND ROUNDS:** Lloyd Damon, associate clinical professor of medicine, division of hematology/oncology, presents "Update on Non-Hodgkin's Lymphomas," noon-1 p.m., N 225, Parnassus. Sponsored by the department of medicine.

**CHANCELLOR'S CONCERT:** William Welborn, piano, performs Chopin-Liszt's "Six Chants Polonaises" and Verdi-Liszt's "Rigoletto Paraphrase," 12:15-12:45 p.m., Cole Hall, Parnassus. Free.

**COLE HALL CINEMA:** "The Eel," Rated NR-13, 5:45 and 8:15 p.m., Cole Hall, Parnassus. Cost: $2.50 to $3.50.

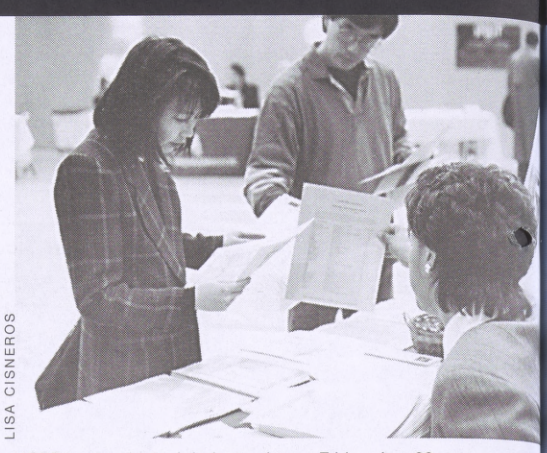
### 5 friday

**TOMKINS LECTURE:** See upcoming events.

**COLE HALL CINEMA:** See Feb. 4 listing. Showtimes are 6:30 and 9 p.m.

**DANCE PARTY:** Empact! Presents hosts the annual "Black & White Gala," featuring dancing to live music, 9 p.m., Academy of Sciences, San Francisco.

# upcoming events



LISA CISNEROS

UCSF hosts a biotech industry day on Friday, Jan. 29, one of two industry-specific career fairs to be presented by the UCSF Career Center this year. A second career day, focusing on health care organizations, will be held in May. See upcoming events for details on biotech day.

## Expert to discuss digital technology

UCSF will host information technology expert John D. Evans, co-founder and board member of CSPAN and co-founder of Hauser Communications (the Mid-Atlantic States' largest cable network), who will speak about "How Digital Technology will Revolutionize Medical Science and Care" on Wednesday, Jan. 27, from 11:30 a.m. to 12:30 p.m., in the Langley Porter Psychiatric Institute Auditorium, 401 Parnassus Ave.

Evans, chairman of the John D. Evans Foundation & Evans Telecommunication Company and an Internet and communication technology visionary, believes that the impact of what eventually will be a tidal wave of change is only now being felt.

"The digital age is upon us," Evans says. "We can either embrace it with love or run from it with fear." For more information on the talk, call 597-9203.

## Biotech job fair

The UCSF Career Center presents Biotech Industry Day on Friday, Jan. 29, from 10 a.m. to 3 p.m., in the Millberry Union Gym.

The event is designed for UCSF students and postdoctoral scholars to meet directly with scientists and employers from the biotechnology and pharmaceutical industries. Among the companies to be recruiting for current and future job openings are Genentech, Parke-Davis, Pfizer Central Research and Tularik Inc. Science Magazine will sponsor a reception to follow. For more information, call the Career Center at 476-4986.

## Tomkins Concert and Lecture

The department of biochemistry/biophysics and the Herbert Boyer Fund present the Gordon Tomkins Concert and Lecture on Friday, Feb. 5, from 3 to 5 p.m., in Cole Hall. HSW 302 will serve as an overflow room.

The Tomkins lecturer is Joseph Goldstein, a noted biochemist and molecular biologist at the University of Texas, Southwestern in Dallas. Goldstein's research in cholesterol regulation is well known throughout the medical and basic science communities. His talk titled, "The Impact of Biotechnology on Medicine: From the Surreal to the Real," will be preceded by the musical portion of the program: Benny Kim (violin) and Anne Epperson (piano) will perform music by Vivaldi, Schumann, De Falla, Albéniz and Monti.

The event will be telecast to Mission Center, SFGHMC, UCSF/Mount Zion, the Cancer Research Center and the VA Medical Center. For more information, contact Debra Singer at 476-2829.

## Dean's roundtable

The UCSF Academic Business Officers Group invites the campus community to an informal roundtable discussion featuring deans on Friday, Feb. 12, from 12:10 to 1 p.m., in N 225.

The majority of UCSF's professional schools and graduate division are consistently ranked in the top by their peers and in national institutional surveys. This is an opportunity to learn what is happening across the entire health sciences campus. Each dean, with Jaclyn Boyden, vice dean of the School of Medicine, representing Dean Haile Debas, will make a brief presentation. A question-and-answer session will follow.

## UCSF hosts environmental seminar

UCSF will host an environmental purchasing seminar for staff who procure paper products and energy equipment to teach how the choices they make affects the environment.

Sponsored by the Facilities Management's Water and Energy Awareness Program and Recycling Program, Materiel Management, and the department of Public Affairs, the free, daylong seminar will be held on Tuesday, Feb. 23, at Laurel Heights.

Speakers include Cyane Dandridge, who as executive director of Strategic Energy Innovations, helps communities develop energy strategies using local and sustainable resources; Noah Horowitz, a specialist in San Francisco energy matters from the National Resources Defense Council; and Jennifer Dolin, from the Environmental Protection Agency's Energy Star Program.

A vendor fair will also be held featuring many new earth-friendly products and options available.

For more information, call 476-0729 or register online at (www.fm.ucsf.edu/Register.htm).